

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
4 August 2005 (04.08.2005)

PCT

(10) International Publication Number  
WO 2005/070860 A1

(51) International Patent Classification<sup>7</sup>: C07C 49/653, 49/633, 43/188, 35/23, C07D 317/72, C11B 9/00

(21) International Application Number:  
PCT/CH2005/000014

(22) International Filing Date: 14 January 2005 (14.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0401187.0 21 January 2004 (21.01.2004) GB

(71) Applicant (for all designated States except US): GIVAUDAN SA [CH/CH]; Chemin de la Parfumerie 5, CH-1214 Vernier (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): GRANIER, Thierry [FR/CH]; Zeisigweg 7, CH-8600 Duebendorf (CH). HANHART, Andreas [CH/CH]; Speerstrasse 5, CH-8610 Uster (CH). BAJGROWICZ, Jerzy, A. [FR/CH]; Wieseliacher 45, CH-8053 Zürich (CH).

(74) Agent: MCSTEA, John, Anthony; Ueberlandstrasse 138, CH-8600 Duebendorf (CH).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

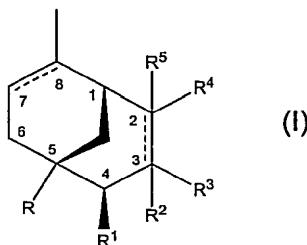
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: BICYCLO[3.3.1]NONANES AND BICYCLO[3.3.1]NONENES AND THEIR USE AS FLAVOUR OR FRAGRANCE INGREDIENT



(57) Abstract: The present invention relates to substituted bicyclo[3.3.1]nonanes and bicyclo[3.3.1]nonenes of formula (I) wherein R, and R<sup>1</sup> to R<sup>5</sup> have the same meaning as described in the specification.

WO 2005/070860 A1